



**CITY OF HAYWARD**  
**AGENDA REPORT**

AGENDA DATE 07/24/01  
AGENDA ITEM 5  
WORK SESSION ITEM \_\_\_\_\_

**TO:** Mayor and City Council  
**FROM:** Finance and Internal Services Director  
**SUBJECT:** Authorization to Submit an Application for Grant Funds through the California Energy Commission's Energy Conservation Innovative Peak Load Reduction Program

**RECOMMENDATION:**

It is recommended that the City Council adopt the attached resolution authorizing the City Manager to execute and submit a grant application for energy conservation measures.

**BACKGROUND:**

The State of California, as part of its statewide energy conservation initiative, has made grants available to a variety of public and private entities, including cities, counties, and special districts. The specific purpose of the grant is to provide funding for energy reductions during peak usage times. Approximately \$8.5 million is available statewide and projects must be operational on or before June 1, 2002.

As part of the City's own ongoing energy conservation efforts, staff has identified seven projects that are eligible for this grant program (see Exhibit A). The total cost of the seven projects is \$110,500. If funded, they are projected to result in total annual reductions of approximately 250,000 kilowatt-hours of electricity, for estimated annual savings of nearly \$40,000. A comparison of projected costs to implement these measures against estimated savings indicates a payback period of about two years. With the implementation of these projects, staff will continue to identify additional opportunities for the conservation of energy.

A copy of the grant application is available for review in the City Clerk's Office.

Prepared by:

A handwritten signature in dark ink, appearing to read "Vic Avila", is written over a horizontal line.

Vic Avila  
Facilities Manager

Recommended by:

Draive Jew - for Perry Carter  
Perry Carter  
Finance and Internal Services Director

Approved by:

Jesús Armas  
Jesús Armas  
City Manager

Attachments: Exhibit 1 - Projects Included in Energy Conservation Grant Application

## Exhibit 1

### Projects Included In Energy Conservation Grant Application

1. Replace 128 existing 150-Watt, high-pressure sodium light fixtures with 100-Watt metal Halide fixtures in City Center Garage.
2. Replace approximately 125 existing fluorescent exit lights throughout all City buildings with Light Emitting Diode (LED) lights.
3. Replace 4<sup>th</sup> floor City Hall 150-Watt incandescent exterior lights with 89-Watt metal Halide energy efficient fixtures.
4. Install three voltage reduction units including one at the City Hall Garage and two at the City Center Building Parking Garage.
5. Install a computer based Energy Management System at Fire Station #1, to manage both heating and cooling temperatures and on/off scheduling.
6. Install programmable thermostats at eight of the City's Fire Stations.
7. Replace the 12-year old air conditioning condenser unit at Fire Station #5 with a more modern, energy efficient unit.

**DRAFT**

HAYWARD CITY COUNCIL

RESOLUTION NO. \_\_\_\_\_

Introduced by Council Member \_\_\_\_\_

**RESOLUTION OF THE CITY OF HAYWARD FOR THE  
INNOVATIVE EFFICIENCY AND RENEWABLES  
PROGRAM**

WHEREAS, the California Energy Commission provides grant/contracts to finance energy efficiency projects that will reduce peak electricity demand or renewable generation to augment peak electricity supply.

NOW THEREFORE, BE IT RESOLVED, that the City Council of the City of Hayward authorizes the City Manager to apply for funding from the California Energy Commission's Innovative Peak Load Reduction Program, to implement the programs described in Exhibit "A".

BE IT FURTHER RESOLVED, that if recommended for a funding award by the California Energy Commission, the Hayward City Council authorizes the City of Hayward to accept a grant/contract up to \$110,429.

BE IT FURTHER RESOLVED, that the City Manager is hereby authorized and empowered to execute in the name of the City of Hayward all necessary documents to implement and carry out the purpose of this resolution, and to undertake all actions necessary to undertake and complete the energy efficiency project.

IN COUNCIL, HAYWARD, CALIFORNIA \_\_\_\_\_, 2001

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST: \_\_\_\_\_  
City Clerk of the City of Hayward

APPROVED AS TO FORM:

\_\_\_\_\_  
City Attorney of the City of Hayward